



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : William Harold Jay  
Serial No. : 09/509,301  
Filed : March 23, 2000  
Title : ION EXCHANGE

Art Unit : 1724  
Examiner : Chester Barry

Commissioner for Patents  
Washington, D.C. 20231

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Applicant discloses and requests consideration of the documents listed on the attached form PTO-1449. Under 37 C.F.R. § 1.98(a)(2)(ii), only a copy of a non-patent document is enclosed. Copies of any listed U.S. patents can be provided upon request. Also enclosed is a copy of an internal note issued in a counterpart European Application EP 98946148.8 during an oral proceeding held on January 21, 2005. The disclosed documents were first cited in the just-mentioned internal note not more than three months prior to the filing of this information disclosure statement.

Please apply any charges to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 3-9-05

Y. Rocky Tsao  
Y. Rocky Tsao  
Reg. No. 34,053

Fish & Richardson P.C.  
225 Franklin Street  
Boston, Massachusetts 02110-2804  
Telephone: (617) 542-5070  
Facsimile: (617) 542-8906  
20520807.doc

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

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USA G. Gray  
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|---|--|---------------------------------------|-------------------------------|
| Substitute Form PTO-1449<br>(Modified) <b>MAR 14 2005</b><br><b>Information Disclosure Statement</b><br><b>by Applicant</b><br>(Use several sheets if necessary)<br>(37 CFR §1.98(b)) | U.S. Department of Commerce<br>Patent and Trademark Office | Attorney's Docket No.<br>11750-002001 | Application No.<br>09/509,301 |
|   | Applicant<br>William Harold Jay                            |                                       |                               |
|   | Filing Date<br>March 23, 2000                              | Group Art Unit<br>5071                |                               |

**U.S. Patent Documents**

| Examiner Initial | Desig. ID | Document Number | Publication Date | Patentee        | Class | Subclass | Filing Date If Appropriate |
|------------------|-----------|-----------------|------------------|-----------------|-------|----------|----------------------------|
|                  | AA        | 2,993,013       | 07/18/1961       | Wolfe           |       |          |                            |
|                  | AB        | 3,805,532       | 04/23/1974       | Kistner         |       |          |                            |
|                  | AC        | 3,890,254       | 06/17/1975       | Guthrie         |       |          |                            |
|                  | AD        | 4,069,119       | 01/17/1978       | Wong            |       |          |                            |
|                  | AE        | 4,137,200       | 01/30/1979       | Wood et al.     |       |          |                            |
|                  | AF        | 4,160,076       | 07/03/1979       | Guthrie et al.  |       |          |                            |
|                  | AG        | 4,725,629       | 02/16/1988       | Garvey et al.   |       |          |                            |
|                  | AH        | 4,731,391       | 03/15/1988       | Garvey          |       |          |                            |
|                  | AI        | 4,828,542       | 05/09/1989       | Hermann         |       |          |                            |
|                  | AJ        | 5,065,752       | 11/19/1991       | Sessions et al. |       |          |                            |
|                  | AK        | 5,296,518       | 03/22/1994       | Grasel et al.   |       |          |                            |
|                  | AL        | 5,591,779       | 01/07/1997       | Bleys et al.    |       |          |                            |

**Foreign Patent Documents or Published Foreign Patent Applications**

| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation |    |
|------------------|-----------|-----------------|------------------|--------------------------|-------|----------|-------------|----|
|                  |           |                 |                  |                          |       |          | Yes         | No |
|                  | AM        |                 |                  |                          |       |          |             |    |
|                  | AN        |                 |                  |                          |       |          |             |    |
|                  | AO        |                 |                  |                          |       |          |             |    |
|                  | AP        |                 |                  |                          |       |          |             |    |

**Other Documents (include Author, Title, Date, and Place of Publication)**

| Examiner Initial | Desig. ID | Document   |
|------------------|-----------|--|
|                  | AQ        | Chiarizia et al., "Diphonix <sup>®</sup> Resin: A Review of Its Properties and Applications" <u>Sep. Sci. and Technol.</u> 32, 1-4 (1997) pp. 1-35 |
|                  | AR        |  |
|                  | AS        |  |
|                  | AT        |  |

|  |                 |
|--|-----------------|
| Examiner Signature   | Date Considered |
| EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                 |